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🔍 Title: **EP0004940A1: Radioimmunoassay method for the determination of procollagen (type III) and procollagen-peptide (type III), for the prod collagen-peptide(type III) used in this method and for the produc anti-procollagen-peptide (type III) serum**[\[German\]](#)[\[French\]](#)

🔍 Derwent Title: Radioimmunoassay of type III pro:collagen or peptide - using highly specific antiserum [\[Derwent Record\]](#)

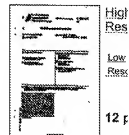
🔍 Country: **EP** European Patent Office (EPO)

🔍 Kind: **A1** Publ. of Application with search report (See also: [EP0004940B1](#))

🔍 Inventor: **Timpl, Rupert, Dr.;**

🔍 Assignee: **Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.**

🔍 [Corporate Tree data](#): Max-Planck Institute ([MAXPLANCK](#)); [News](#), [Profiles](#), [Stocks](#) and [More about this company](#)



🔍 Published / Filed: **1979-10-31 / 1979-04-11**

🔍 Application Number: **EP1979000101113**

🔍 IPC Class: **IPC-7: C07G 7/00; G01N 33/16; G21H 5/00;**

🔍 Priority Number: **1978-04-18 DE1978002816841**

🔍 Abstract: For the radioimmunological determination of procollagen (type III) and procollagen peptide (type III) a certain amount of radioactively tagged procollagen (type III) or procollagen peptide (type III) and a highly specific anti-procollagen (type III) serum or anti-procollagen peptide (type III) serum are brought to reaction together with a sample of an unknown content of procollagen (type III) or procollagen peptide (type III), the formed antigen-antibody complex is separated, desirably by the addition of a second antibody against the highly specific antiserum, and the radioactivity of the complex or of the supernatant liquid is measured. Highly purified procollagen peptide (type III) suitable for this purpose is obtained by the degradation of tissue or body fluids with collagenase and purification by immune adsorption and chromatography.

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